

|  |      |  |       |                     |
|--|------|--|-------|---------------------|
|  | 3772 | semiconductor and plasma and (recycle or recycling or re\$1use or circulat\$3 or (introduc\$4 near3 again))  | USPAT | 2003/12/03<br>14:11 |
|  | 1515 | (semiconductor and plasma and (recycle or recycling or re\$1use or circulat\$3 or (introduc\$4 near3 again))) and (emission or (light near4 intensity) or emit or emitting)  | USPAT | 2003/12/03<br>14:18 |
|  | 1396 | ((semiconductor and plasma and (recycle or recycling or re\$1use or circulat\$3 or (introduc\$4 near3 again))) and (emission or (light near4 intensity) or emit or emitting)) and @ay<=2000  | USPAT | 2003/12/03<br>14:13 |
|  | 487  | ((semiconductor and plasma and (recycle or recycling or re\$1use or circulat\$3 or (introduc\$4 near3 again))) and (emission or (light near4 intensity) or emit or emitting)) and @ay<=2000) and ((monitor\$3 or analyz\$3 or control\$4 or obtain\$3) with plasma)  | USPAT | 2003/12/03<br>14:18 |
|  | 1    | 6406924.pn.  | USPAT | 2003/12/03<br>15:10 |
|  | 343  | ((((semiconductor and plasma and (recycle or recycling or re\$1use or circulat\$3 or (introduc\$4 near3 again))) and (emission or (light near4 intensity) or emit or emitting)) and @ay<=2000) and ((monitor\$3 or analyz\$3 or control\$4 or obtain\$3) with plasma)) and (etch or etching)   | USPAT | 2003/12/03<br>14:22 |
|  | 239  | (((((semiconductor and plasma and (recycle or recycling or re\$1use or circulat\$3 or (introduc\$4 near3 again))) and (emission or (light near4 intensity) or emit or emitting)) and @ay<=2000) and ((monitor\$3 or analyz\$3 or control\$4 or obtain\$3) with plasma)) and (etch or etching)) and (intensity or amplitude or magnitude) | USPAT | 2003/12/03<br>14:22 |
|  | 193  | (((((semiconductor and plasma and (recycle or recycling or re\$1use or circulat\$3 or (introduc\$4 near3 again))) and (emission or (light near4 intensity) or emit or emitting)) and @ay<=2000) and ((monitor\$3 or analyz\$3 or control\$4 or obtain\$3) with plasma)) and (etch or etching)) and intensity                             | USPAT | 2003/12/03<br>14:23 |
|  | 1    | 5728253.pn.  | USPAT | 2003/12/04<br>10:13 |
|  | 1    | 6599842.pn.  | USPAT | 2003/12/03<br>16:22 |
|  | 1    | 5565114.pn.  | USPAT | 2003/12/03<br>16:22 |

| L Number | Hits | Search Text   | DB    | Time stamp          |
|----------|------|---|-------|---------------------|
| -        | 3169 | semiconductor and plasma and (recycle or recycling or re\$luse or circulat\$3)<br>(semiconductor and plasma and (recycle or recycling or re\$luse or circulat\$3)) and SiF?sub.4  | USPAT | 2003/12/03<br>14:10 |
| -        | 110  | (semiconductor and plasma and (recycle or recycling or re\$luse or circulat\$3)) and SiF?sub.4  | USPAT | 2003/05/14<br>15:51 |
| -        | 596  | semiconductor and plasma and (recycle or recycling or re\$luse)   | USPAT | 2003/05/14<br>15:59 |
| -        | 535  | (semiconductor and plasma and (recycle or recycling or re\$luse)) and (monitor\$3 or analyz\$3 or control\$4)   | USPAT | 2003/05/14<br>16:09 |
| -        | 511  | ((semiconductor and plasma and (recycle or recycling or re\$luse)) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000   | USPAT | 2003/05/14<br>16:12 |
| -        | 431  | ((semiconductor and plasma and (recycle or recycling or re\$luse)) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000) and flow   | USPAT | 2003/05/14<br>15:57 |
| -        | 175  | ((((semiconductor and plasma and (recycle or recycling or re\$luse)) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000) and flow) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)   | USPAT | 2003/05/14<br>17:45 |
| -        | 51   | semiconductor and (plasma same (recycle or recycling or re\$luse))  | USPAT | 2003/05/14<br>16:05 |
| -        | 735  | semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$luse))   | USPAT | 2003/05/14<br>16:09 |
| -        | 684  | (semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$luse))) not (semiconductor and (plasma same (recycle or recycling or re\$luse)))  | USPAT | 2003/05/14<br>16:09 |
| -        | 603  | ((semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$luse))) not (semiconductor and (plasma same (recycle or recycling or re\$luse)))) and (monitor\$3 or analyz\$3 or control\$4)  | USPAT | 2003/05/14<br>16:10 |
| -        | 548  | ((semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$luse))) not (semiconductor and (plasma same (recycle or recycling or re\$luse)))) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000   | USPAT | 2003/05/14<br>16:14 |
| -        | 248  | ((((semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$luse))) not (semiconductor and (plasma same (recycle or recycling or re\$luse)))) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2) | USPAT | 2003/05/14<br>16:44 |

|  |      |  |       |                     |
|--|------|--|-------|---------------------|
|  | 211  | (((((semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$1use))) not (semiconductor and (plasma same (recycle or recycling or re\$1use)))) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and @py<=2001  | USPAT | 2003/05/14<br>16:44 |
|  | 165  | (((((semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$1use))) not (semiconductor and (plasma same (recycle or recycling or re\$1use)))) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and @py<=2001) and (etch or etching)   | USPAT | 2003/05/14<br>17:44 |
|  | 4659 | plasma with (monitor or monitoring or analyze or analyzing or monitored)   | USPAT | 2003/05/14<br>17:45 |
|  | 801  | (plasma with (monitor or monitoring or analyze or analyzing or monitored)) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)  | USPAT | 2003/05/14<br>17:45 |
|  | 552  | ((plasma with (monitor or monitoring or analyze or analyzing or monitored)) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and (etch or etching)  | USPAT | 2003/05/14<br>17:47 |
|  | 298  | ((plasma with (monitor or monitoring or analyze or analyzing or monitored)) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and (etch or etching)) and ((flow adj rate) or sccm)   | USPAT | 2003/05/15<br>08:49 |
|  | 287  | ((((plasma with (monitor or monitoring or analyze or analyzing or monitored)) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and (etch or etching)) and ((flow adj rate) or sccm)) not ((((((semiconductor and plasma and ((gas or plasma) same (recycle or recycling recycled or recover or recovering or recovered or re\$1use))) not (semiconductor and (plasma same (recycle or recycling or re\$1use)))) and (monitor\$3 or analyz\$3 or control\$4)) and @ay<=2000) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and @py<=2001) and (etch or etching)) | USPAT | 2003/05/14<br>17:55 |
|  | 298  | ((plasma with (monitor or monitoring or analyze or analyzing or monitored)) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and (etch or etching)) and ((flow adj rate) or sccm)   | USPAT | 2003/05/15<br>08:51 |
|  | 192  | ((((plasma with (monitor or monitoring or analyze or analyzing or monitored)) and ((silicon adj oxide) or (silicon adj dioxide) or SiO or SiO?sub.2)) and (etch or etching)) and ((flow adj rate) or sccm)) and @py<=2000  | USPAT | 2003/05/15<br>09:39 |
|  | 1    | 5347460.pn.  | USPAT | 2003/05/15<br>09:32 |
|  | 2    | ("6081334"   "6406924").PN.  | USPAT | 2003/05/15<br>09:39 |